FIG. 1

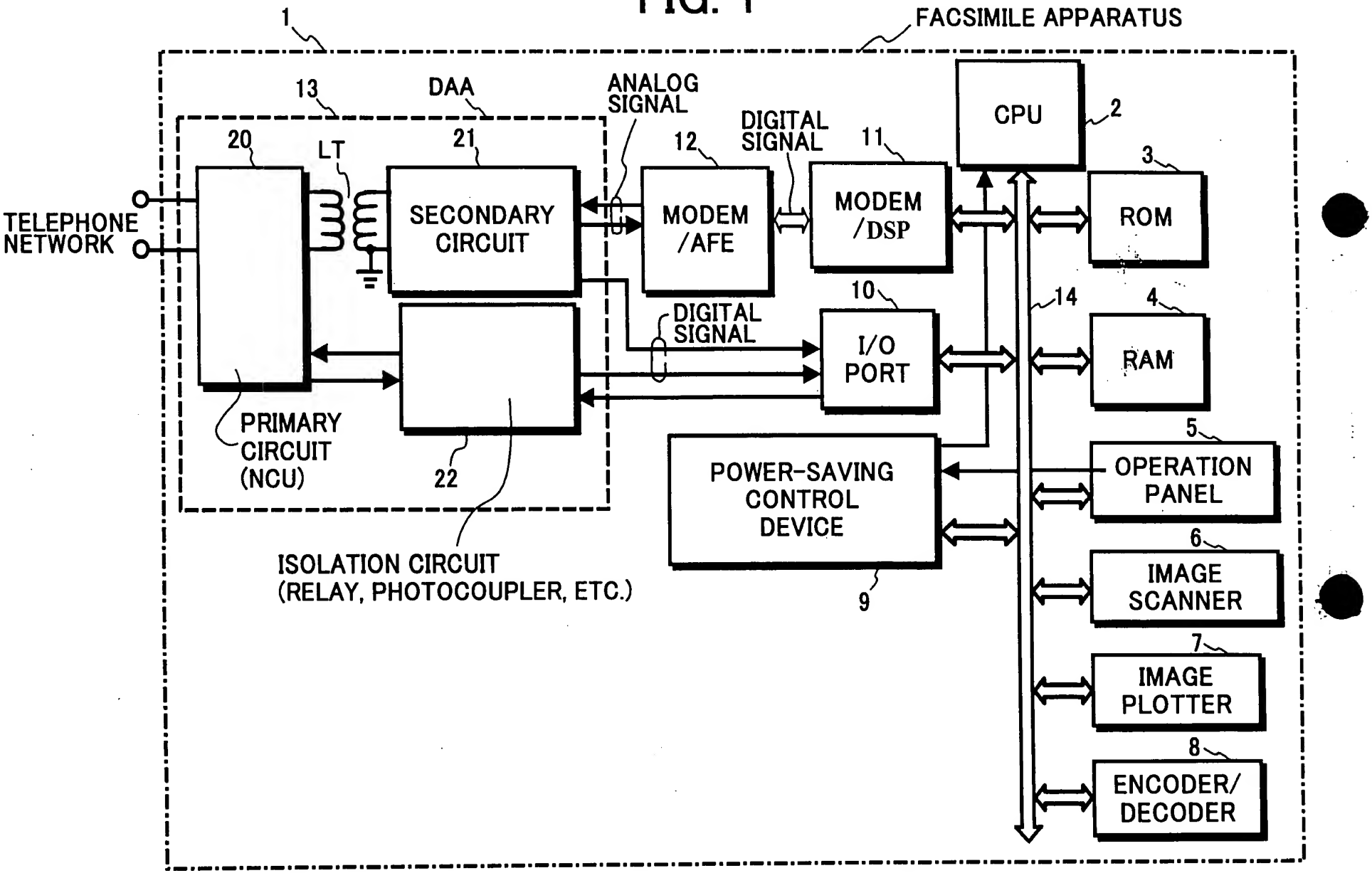

1
FACSIMILE APPARATUS
13
DAA
ANALOG SIGNAL
DIGITAL SIGNAL
CPU
2
20
LT
21
12
11
3
TELEPHONE NETWORK
SECONDARY CIRCUIT
MODEM /AFE
MODEM /DSP
ROM
10
14
4
DIGITAL SIGNAL
I/O PORT
RAM
PRIMARY CIRCUIT (NCU)
22
5
POWER-SAVING CONTROL DEVICE
OPERATION PANEL
6
IMAGE SCANNER
ISOLATION CIRCUIT (RELAY, PHOTOCOUPLER, ETC.)
9
7
IMAGE PLOTTER
8
ENCODER/ DECODER

FIG. 2

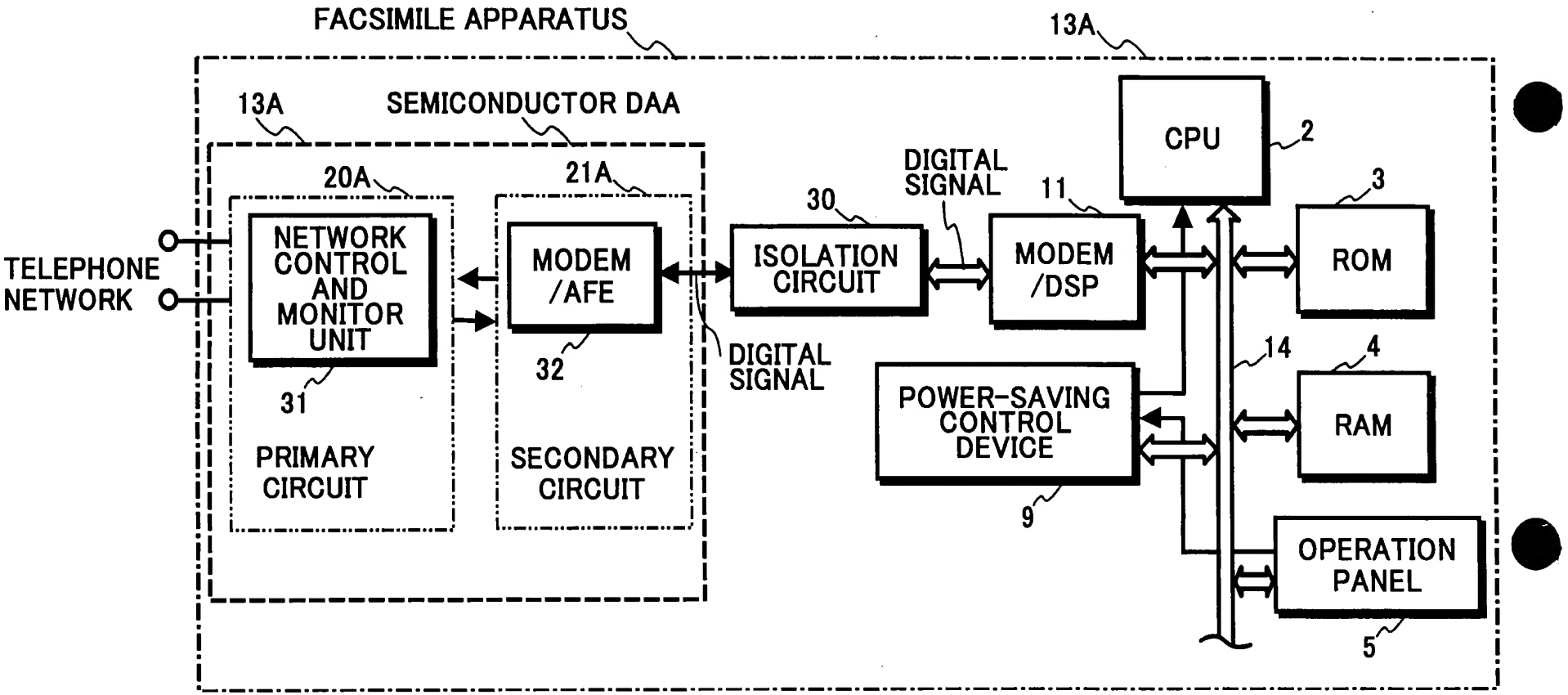

FACSIMILE APPARATUS
13A
13A
SEMICONDUCTOR DAA
20A
21A
TELEPHONE NETWORK
NETWORK CONTROL AND MONITOR UNIT
31
PRIMARY CIRCUIT
MODEM /AFE
32
SECONDARY CIRCUIT
DIGITAL SIGNAL
30
ISOLATION CIRCUIT
DIGITAL SIGNAL
11
MODEM /DSP
CPU
2
3
ROM
14
4
RAM
POWER-SAVING CONTROL DEVICE
9
OPERATION PANEL
5

FIG. 3

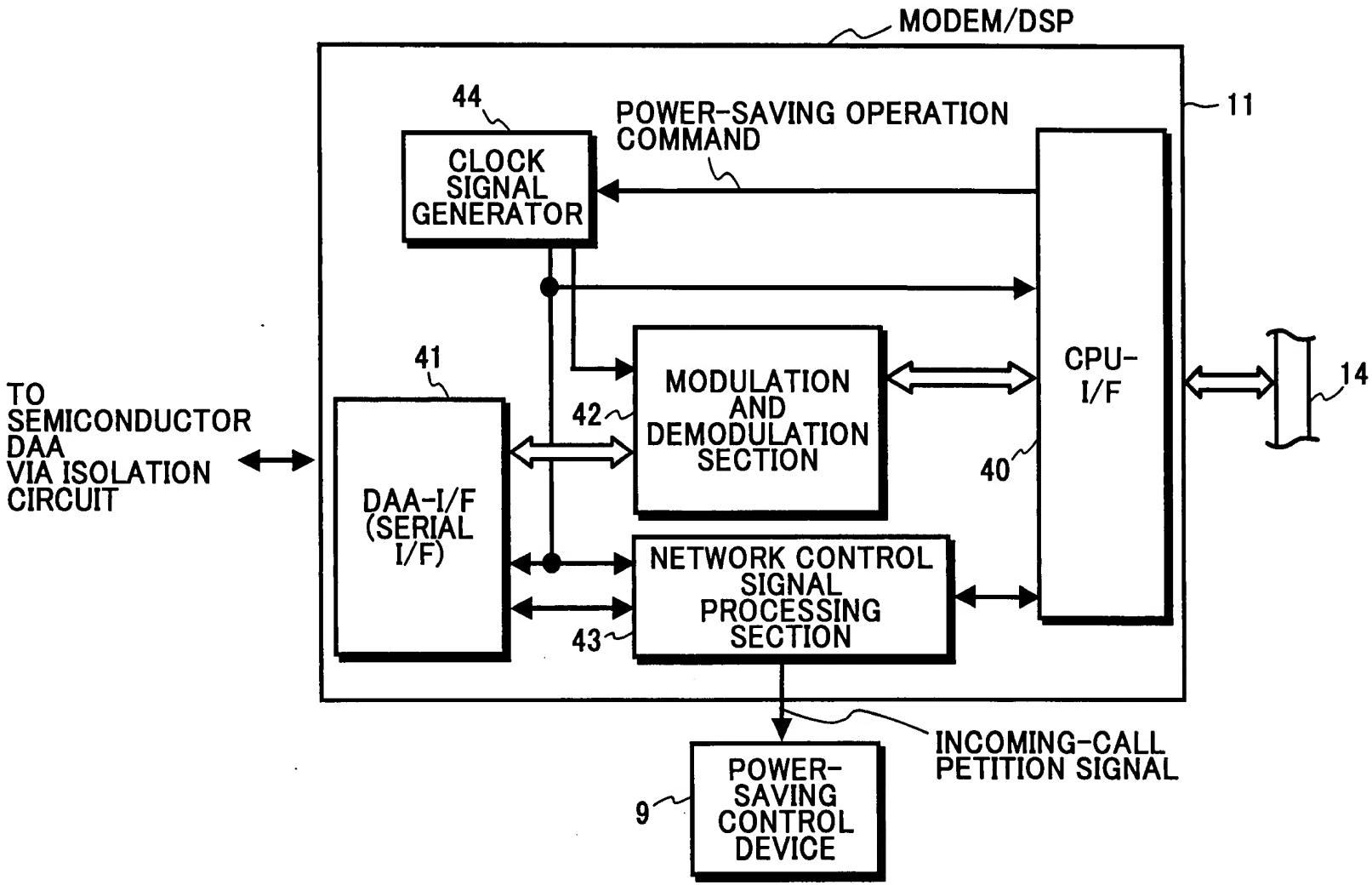
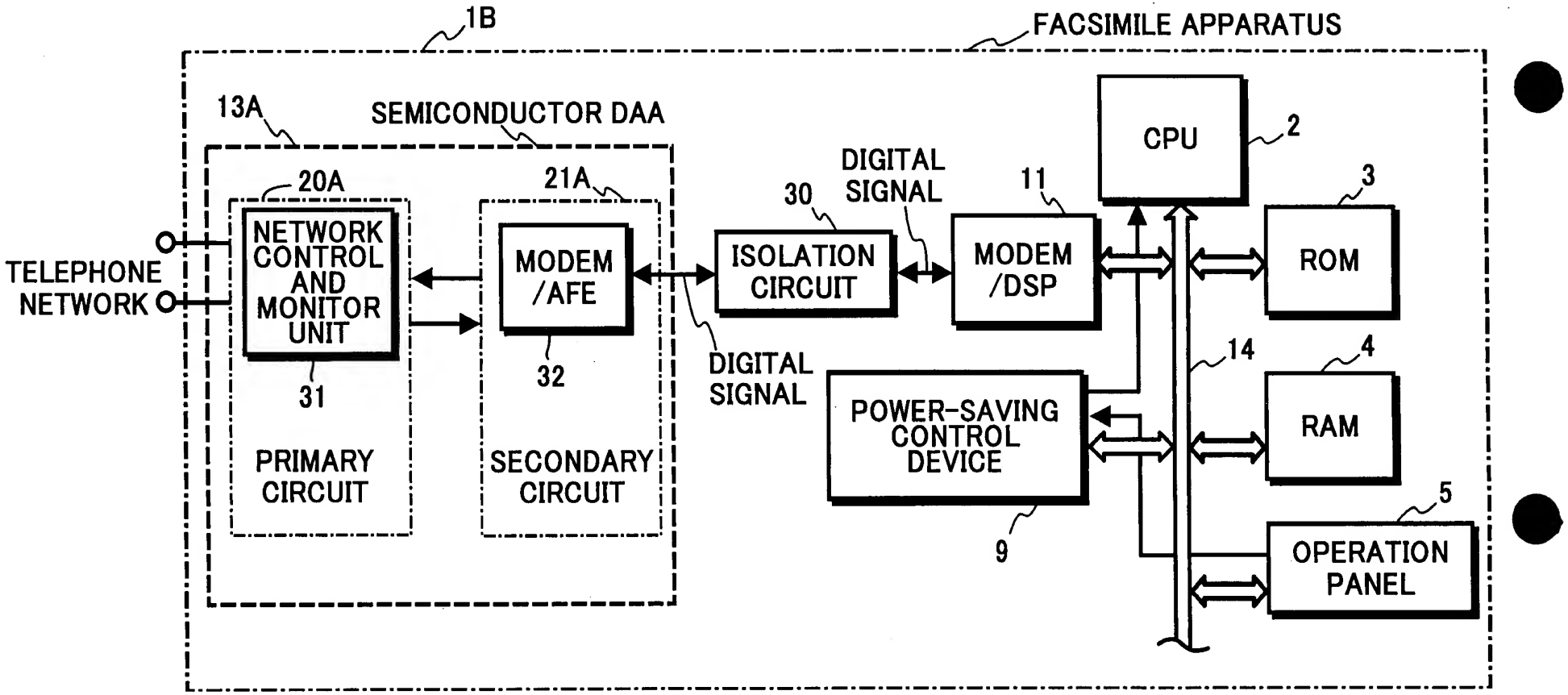

MODEM/DSP
11
44
CLOCK SIGNAL GENERATOR
POWER-SAVING OPERATION COMMAND
41
42
MODULATION AND DEMODULATION SECTION
CPU-I/F
14
40
TO SEMICONDUCTOR DAA VIA ISOLATION CIRCUIT
DAA-I/F (SERIAL I/F)
NETWORK CONTROL SIGNAL PROCESSING SECTION
43
INCOMING-CALL PETITION SIGNAL
9
POWER-SAVING CONTROL DEVICE

FIG. 4


1B
FACSIMILE APPARATUS
13A
SEMICONDUCTOR DAA
20A
21A
NETWORK CONTROL AND MONITOR UNIT
MODEM /AFE
TELEPHONE NETWORK
31
32
PRIMARY CIRCUIT
SECONDARY CIRCUIT
30
DIGITAL SIGNAL
ISOLATION CIRCUIT
DIGITAL SIGNAL
11
MODEM /DSP
CPU
2
3
ROM
14
4
RAM
POWER-SAVING CONTROL DEVICE
9
5
OPERATION PANEL

002260 "2E79960

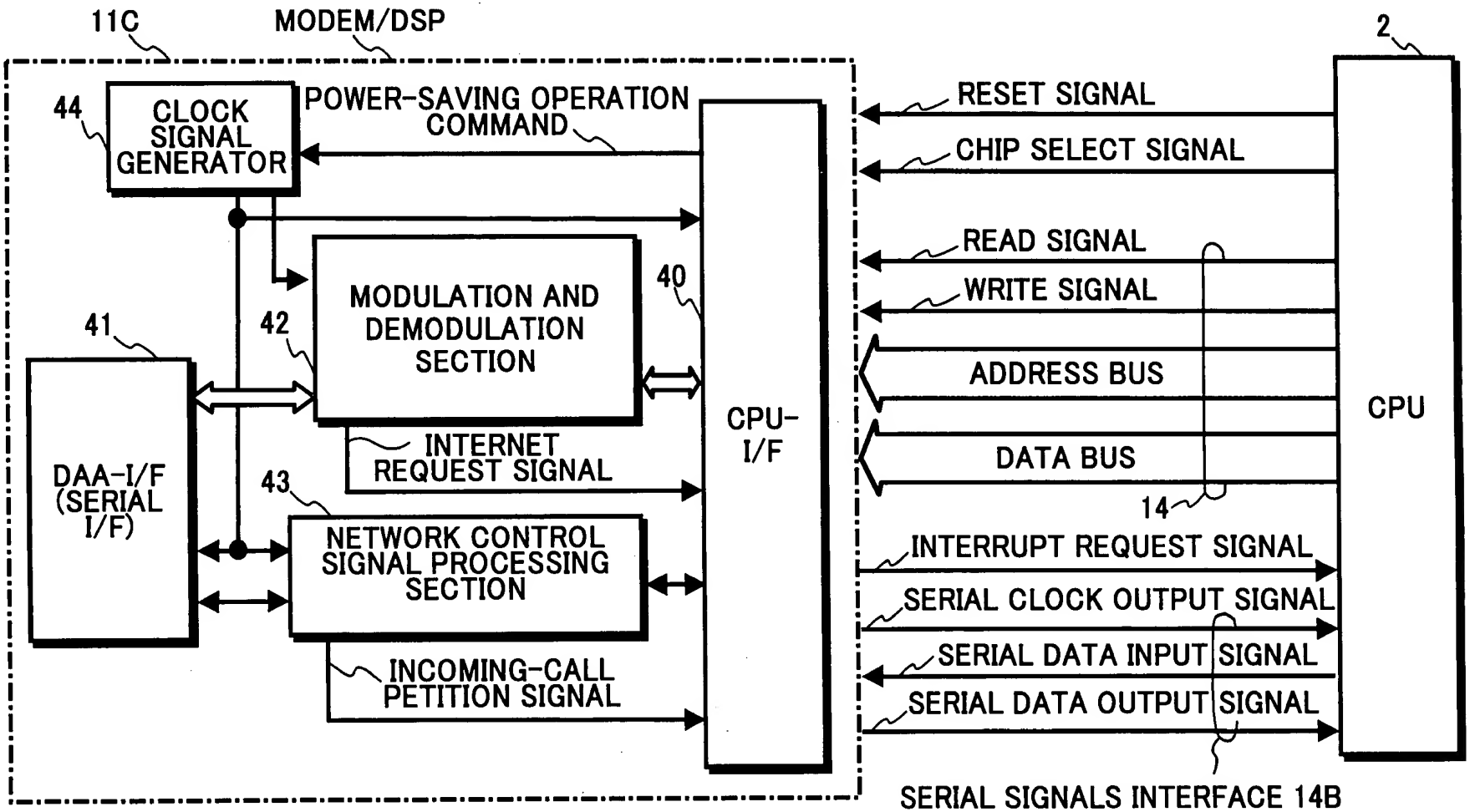



FIG. 5